CERTIFICATE OF ANALYSIS

(Certificate No. KMM011023-01)

Release Date: 10/01/2025 **Re-test Date:** 09/01/2028

Meclizine Related Compound B

Identification

Chemical Name:

1-[(4-Chlorophenyl)(phenyl)methyl]-4-(2-methylbenzyl)piperazine dihydrochloride

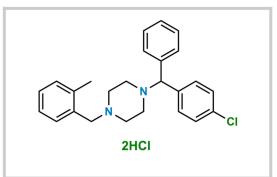
Alt. Name : Isomeclizine

CAT No. : KMM011023

CAS No. : Not Available

Molecular Formula : C25H27ClN2 : 2HCl

 $\textbf{Molecular Weight} \qquad : 391: 2(36.5)$



Analytical Information

Batch No. : M011023-091-131 Solubility : Acetonitrile

Description : White Solid Mass : Confirm

HPLC Purity : 97.46 % IR : Confirm

Weight Loss By TGA : 2.33 % 1H NMR : Confirm

% Potency : 95.19 %

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition: Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.33(Weight Loss By TGA)] x [97.46(HPLC Purity)]/100 = 95.19 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		11/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/01/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA